

Title (en)
POWER STORAGE DEVICE

Title (de)
ENERGIESPEICHERVORRICHTUNG

Title (fr)
DISPOSITIF DE STOCKAGE D'ÉNERGIE

Publication
EP 4195389 A1 20230614 (EN)

Application
EP 21852758 A 20210622

Priority
• JP 2020132211 A 20200804
• JP 2021023526 W 20210622

Abstract (en)
An energy storage apparatus (10) includes an energy storage device (210) including an electrode terminal (210b), an outer case (100) accommodating the energy storage device (210), and a first plate-shaped member (231). The outer case (100) includes a bottom wall portion (111) which is a wall portion on an installation surface side where the energy storage apparatus (10) is installed. The first plate-shaped member (231) is disposed inside the outer case (100), and is disposed at an end portion of the energy storage device (210) in a first direction which is an arrangement direction of the energy storage device (210) and the bottom wall portion (111). The energy storage device (210) is disposed in a posture where the electrode terminal (210b) is directed in a second direction which is a direction intersecting with the first direction and extending along the bottom wall portion (111). The first plate-shaped member (231) includes a first protruding portion (235) which protrudes more than the energy storage device (210) in the Y axis minus direction.

IPC 8 full level
H01M 50/262 (2021.01); **H01G 11/12** (2013.01); **H01G 11/78** (2013.01); **H01M 50/209** (2021.01); **H01M 50/242** (2021.01)

CPC (source: EP US)
H01G 11/10 (2013.01 - EP); **H01G 11/12** (2013.01 - EP); **H01G 11/78** (2013.01 - EP); **H01G 11/82** (2013.01 - EP); **H01M 50/103** (2021.01 - EP); **H01M 50/209** (2021.01 - EP); **H01M 50/242** (2021.01 - EP); **H01M 50/249** (2021.01 - EP); **H01M 50/262** (2021.01 - EP); **H01M 50/271** (2021.01 - EP); **H01M 50/296** (2021.01 - EP); **H01M 50/298** (2021.01 - EP US); **H01M 50/317** (2021.01 - US); **H01M 50/50** (2021.01 - EP); **H01M 50/503** (2021.01 - EP); **H01M 50/505** (2021.01 - EP); **H01M 50/507** (2021.01 - EP US); **H01M 50/51** (2021.01 - EP); **H01M 50/522** (2021.01 - EP); **H01M 50/55** (2021.01 - EP); **H01M 50/553** (2021.01 - EP); **H01M 2220/20** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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KH MA MD TN

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